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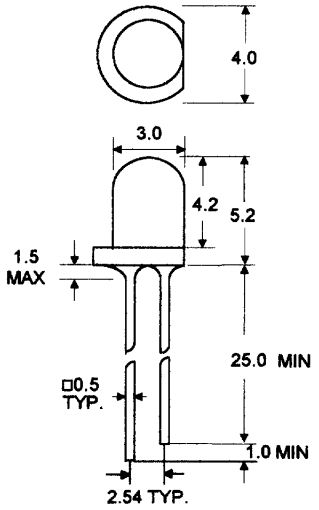
Jameco Part Number 175679

LIGITEK

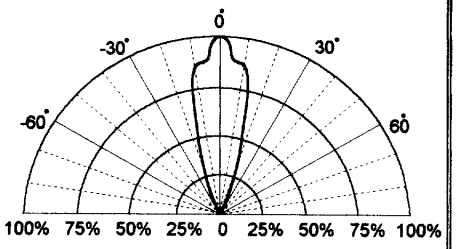
SUPER BRIGHT ROUND TYPE LED LAMPS **LVX2041** SERIES

Package Dimension



Note: All dimension are in millimeter tolerance is ±0.25mm unless otherwise noted.

Radiation



• Part Selection And Application Information (Ratings At 25°C Ambient)

PART NO	MATERIAL	COLOR		peak wave length λPnm	spectral halfwidth Δλ nm	forward voltage @20mA(v)		luminous intensity @20mA(mcd)		viewing angle 2θ 1/2 (deg)
		Emitted	*Len's*			*Min*	*Max*	*Min*	*Typ.*	
LSR2041	GaAlAs	Red	Red Transparent	660	20	1.5	2.4	90	150	30
LHR2041	GaAlAs	Red	Red Transparent	660	20	1.5	2.4	160	300	30
LUR2041	GaAlAs	Red	Red Transparent	660	20	1.5	2.4	350	600	30
LVG2041	GaP	Green	Green Transparent	565	30	1.7	2.8	75	120	30
LVY2041	GaAsP/GaP	Yellow	Yellow Transparent	585	35	1.7	2.8	50	85	30
LUY2041	AlGaInP	Yellow	Yellow Transparent	595	15	1.7	2.8	550	900	30

• Absolute Maximum Rating (Ta=25°C)

PARAMETER	RED			GREEN		YELLOW		ORANGE		UNIT	REMARK
	SR	*HR*	*UR*		*VG*	*VY*	*UY*				
Forward Current	40	40	40		30	20	50			mA	
Peak Current Duty 1/10 @1Khz	200	200	200		120	80	200			mA	
Power Dissipation	80			100		60	100			mW	
Reverse Current @5V	10			10		10				μA	
Operating Temperature	-40°C TO +85°C										
Storage Temperature	-40°C TO +100°C										
Lead Soldering Temperature 260°C For 5 Seconds (2.0mm From Body)											

文件编號:QW0905-LVX2041 版本:C 生效日期: Jun . 7 . 1997